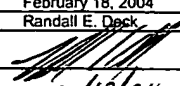


February 18, 2004 Date of Deposit  
Randall E. Deck Name of Depositor  
 Signature  
2/18/04 Date of Signature

PTO/SB/05 (05-03)

Approved for use through 04/30/2003. OMB 0651-0032

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.		0063.03
First Inventor		James G. Archuleta
Title	Subsoiling Grapple Rake	
Express Mail Label No.		ER 544453649 US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Commissioner for Patents  
Mail Stop Patent Application  
P.O. Box 1450, Alexandria, VA 22313-1450

- |  |  |
|--|--|
| <p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)<br/>(Submit an original and a duplicate for fee processing)</p> <p>2. <input type="checkbox"/> Applicant claims small entity status.<br/>See 37 CFR 1.27. 2.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages <u>19</u>]<br/>(preferred arrangement set forth below)<br/>- Descriptive title of the invention<br/>- Cross Reference to Related Applications<br/>- Statement Regarding Fed sponsored R &amp; D<br/>- Reference to sequence listing, a table,<br/>or a computer program listing appendix<br/>- Background of the Invention<br/>- Brief Summary of the Invention<br/>- Brief Description of the Drawings (if filed)<br/>- Detailed Description<br/>- Claim(s)<br/>- Abstract of the Disclosure</p> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <u>6</u>]</p> <p>5. <input checked="" type="checkbox"/> Oath or Declaration [Total Sheets <u>1</u>]<br/>a. <input checked="" type="checkbox"/> Newly executed (original or copy)<br/>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d))<br/>(for continuation/divisional with Box 18 completed)<br/>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br/>Signed statement attached deleting inventor(s) name<br/>in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</p> <p>6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p> | <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or<br/>Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission<br/>(if applicable, all necessary)<br/>a. <input type="checkbox"/> Computer Readable Form (CRF)<br/>b. Specification Sequence Listing on:<br/>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or<br/>ii. <input type="checkbox"/> paper<br/>c. <input type="checkbox"/> Statements verifying identity of above copies</p> |
|--|--|

**ACCOMPANYING APPLICATION PARTS**

- |   |
|---|
| <p>9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet &amp;<br/>document(s))</p> <p>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of<br/>(when there is an assignee) Attorney</p> <p>11. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>12. <input checked="" type="checkbox"/> Information Disclosure <input checked="" type="checkbox"/> Copies of IDS<br/>Statement (IDS)/PTO-1449 Citations</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br/>(Should be specifically itemized)</p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s)<br/>(if foreign priority is claimed)</p> <p>16. <input type="checkbox"/> Nonpublication Request Under 35 USC<br/>122(b)(2)(B)(i). Applicant must attach form<br/>PTO/SB/35 or its equivalent.</p> <p>17. <input type="checkbox"/> Other: _____</p> |
|---|

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. \_\_\_\_\_


Prior application information: Examiner: \_\_\_\_\_ Art Unit: \_\_\_\_\_

For CONTINUATION OF DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

☒ Customer Number or Bar Code Label

**25712**

Name (Print/Type)	Randall E. Deck	Registration No. (Attorney/Agent)	34,078
Signature		Date	2/18/04

# FEE TRANSMITTAL

## FY2004

Total Amount of Payment **\$ 810.00**

### Complete If Known:

Application Number: New  
 Filing Date: February 18, 2004  
 First Named Inventor: James G. Archuleta Jr.  
 Examiner Name:  
 Art Unit:  
 Attorney Docket Number: 0063.03

#### Method of Payment

1. The Commissioner is hereby authorized to charge any fees set forth in CFR §§ 1.116 to 1.118 to the Deposit Account listed below for the entire pendency of the application, or credit any overpayment to this account. A duplicate copy of this sheet is enclosed:

Deposit Account Number: **06-1555**

Deposit Account Name: **USDA-Forest Service**

#### Fee Calculation:

##### 1. Basic Filing Fee

Large Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
1001	770.00	Utility Filing Fee	770.00
1002	340.00	Design Filing Fee	
1003	530.00	Plant Filing Fee	
1004	770.00	Reissue Filing Fee	
1005	160.00	Provisional Filing Fee	
SUBTOTAL (1)			\$ 770.00

##### 2. Extra Claim Fees

Total Claims	Extra Claims	Fee From Below	Fee Paid
14 -20**=	- X	18.00 =	-
Independent Claims 3 -3**=	- X	86.00 =	-
Multiple Dependent	- X	- =	-

\*\* or number previously paid, if greater; For Reissues, see below

Large Fee Code	Entity Fee (\$)	Fee Description
1202	18.00	Claims in excess of 20
1201	86.00	Independent claims in excess of 3
1203	290.00	Multiple dependent claims, if not paid
1204	86.00 **	Reissue independent claims over original patent
1205	18.00 **	Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$

#### FEE CALCULATION (Continued)

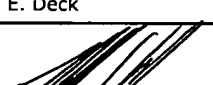
##### 3. Additional Fees

Large Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
1051	130.00	Surcharge - late filing fee or oath	
1052	50.00	Surcharge - late provisional filing fee or cover sheet	
1053	130.00	Non-English specification	
1812	2,520.00	For filing a request for examination	
1804	920.00*	Requesting publication of SIR prior to Examiner action	
1805	1,840.00*	Requesting publication of SIR after Examiner action	
1251	110.00	Extension for reply within first month	
1252	420.00	Extension for reply within second month	
1253	950.00	Extension for reply within third month	
1254	1,480.00	Extension for reply within fourth month	
1255	2,010.00	Extension for reply within fifth month	
1401	330.00	Notice of Appeal	
1402	330.00	Filing a brief in support of an appeal	
1403	290.00	Request an oral hearing	
1451	1,510.00	Petition to institute a public use proceeding	
1452	110.00	Petition to revive - unavoidable	
1453	1,330.00	Petition to revive - unintentional	
1501	1,330.00	Utility issue fee (or reissue)	
1502	480.00	Design issue fee	
1503	640.00	Plant issue Fee	
1460	130.00	Petitions to the Commissioner	
1807	50.00	Petitions related to provisional appl.	
1806	180.00	Submission of Info. Disclosure Stmt	
8021	40.00	Recording each patent assignment per property (times number of properties)	\$ 40.00
1809	770.00	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770.00	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770.00	Request for Continued Examination (RCE)	
1802	900.00	Request for expedited examination Of a design application	

Other Fee (specify) \_\_\_\_\_

\* Reduced by Basic Filing Paid

SUBTOTAL (3) \$ 40.00


Submitted By					
Name (Print/Type)	Randall E. Deck	Registration No. (Attorney/Agent)	34,078	Telephone	309/681-6515 309/681-6688 FAX
Signature				Date	2/18/04

Fees current as of 10/01/2003

Express # ER 544453649 US  
 I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

February 18, 2004  
 (Date of Deposit)

Randall E. Deck  
 Name of Depositor

  
 Signature  
 2/18/04  
 Date of Signature